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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

12

Application Number

10/071,978

Filing Date

02/06/2002

First Named Inventor

Eric E. Swayze

Art Unit

Examiner Name

Attorney Docket Number

IBIS-0028US

ENCLOSURES (Check all that apply)☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☐

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐Reply to Missing Parts/
Incomplete Application☐Reply to Missing Parts
under 37 CFR 1.52 or 1.53☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐Petition to Convert to a
Provisional Application☐

Power of Attorney, Revocation

☐

Change of Correspondence Address

☐

Terminal Disclaimer

☐

Request for Refund

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CD, Number of CD(s) _____

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Landscape Table on CD

☐

After Allowance Communication to TC

☐Appeal Communication to Board
of Appeals and Interferences☐Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☐

Status Letter

☒Other Enclosure(s) (please identify
below):

Certificate of Correction

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Isis Pharmaceuticals, Inc.

Signature

Robert S. Andrews

Printed name

Robert S. Andrews

Date

7-26-07

Reg. No.

44,508

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 11

PATENT NO. : 7,244,847

APPLICATION NO.: 10/071,978

ISSUE DATE : 07/17/2007

INVENTOR(S) : Eric E. Swayze et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

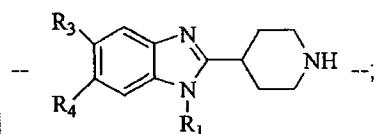
1) Title Page:

Item [54], Title, please insert --Novel-- before "Benzimidazole";

2) Item [56], References Cited, OTHER PUBLICATIONS, "Freter" reference, please delete "n-(4-indolylpiperidinoalkyl)" and insert therefor --n-(4-indolylpiperidinoalkyl)--;

3) "Fonquerna" reference, please delete "Capluse" and insert therefor --Caplus--;

4) "Agai" reference, please delete "1,3,5,-triazepines, III" and insert therefor --1,3,5,-triazepines. III.--;

5) Column 61, Claim 1, lines 14-18, please delete "  " and insert therefor

6) Column 61, Claim 1, line 22, please insert --alkyl,-- between "is" and "aryl,";

7) Column 61, Claim 1, line 25, please delete "--R₉-X-R₁₀-R₁₁)H," and insert therefor ---R₉-X-R₁₀-(R₁₁)H;--;

8) Column 61, Claim 1, line 32, please delete "," and insert therefor --,--;

9) Column 61, Claim 1, line 49, please delete "heteroaryl," and insert therefor --heteroaryl or --;

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1896 Rutherford Rd.
Carlsbad, CA 92008

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 2 of 11

PATENT NO. : 7,244,847
APPLICATION NO.: 10/071,978
ISSUE DATE : 07/17/2007
INVENTOR(S) : Eric E. Swayze et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- 10) Column 61, Claim 1, line 50, please delete "hereteroaryl" and insert therefor --heteroaryl--;
- 11) Column 61, Claim 1, line 52, please delete "," and insert therefor --;--;
- 12) Column 61, Claim 1, line 54, please delete "," and insert therefor --;--;
- 13) Column 61, Claim 1, line 58, please delete "," after "-C(=O)-NH-heteroarylcarbonyl";
- 14) Column 61, Claim 1, line 61, please delete "," after "cycloalkylaminocarbonyl";
- 15) Column 62, Claim 1, line 3, please delete "," after "alkylheteroaryl";
- 16) Column 62, Claim 1, line 12, please delete "," after both "heteroaryl";
- 17) Column 62, Claim 1, line 26, please delete "," after "arylcarbonyl";
- 18) Column 62, Claim 1, line 26, please delete the second "and" and insert therefor --or--;
- 19) Column 62, Claim 1, lines 36-37, please delete ", or a group of Formula I at position R₁ thereof";
- 20) Column 62, Claim 1, line 39, please delete "group" and insert therefor --radical of a compound--;
- 21) Column 62, Claim 1, line 40, please delete "nitrogen atom is Q4" and insert therefor --radical is R¹--;

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 3 of 11

PATENT NO. : 7,244,847

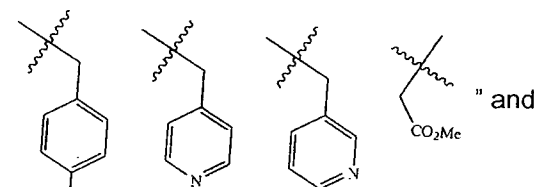
APPLICATION NO.: 10/071,978

ISSUE DATE : 07/17/2007

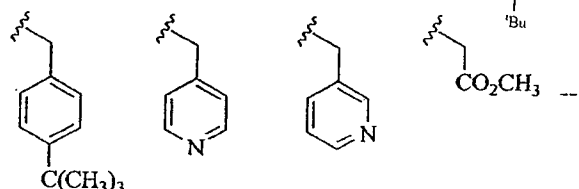
INVENTOR(S) : Eric E. Swayze et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

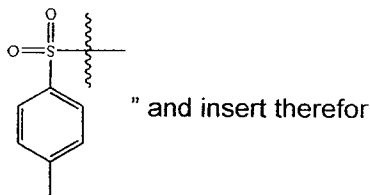
22) Column 63, Claim 10, lines 39-43, please delete “



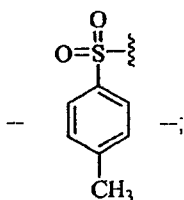
insert therefor --



23) Column 63, Claim 10, lines 58-66, please delete "



" and insert therefor



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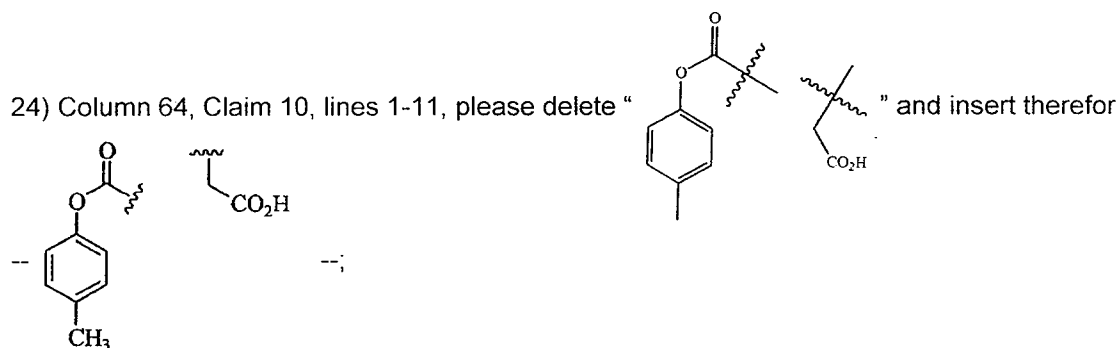
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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 4 of 11

PATENT NO. : 7,244,847
APPLICATION NO.: 10/071,978
ISSUE DATE : 07/17/2007
INVENTOR(S) : Eric E. Swayze et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:



25) Column 64, Claim 12, line 15, please delete ",";

26) Column 64, Claim 15, line 24, please delete ",";

27) Column 64, Claim 16, line 36, please delete "selected from" and insert therefor --substituted with--;

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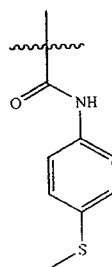
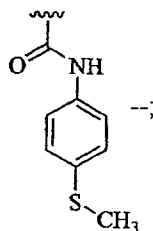
UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 5 of 11

PATENT NO. : 7,244,847
APPLICATION NO.: 10/071,978
ISSUE DATE : 07/17/2007
INVENTOR(S) : Eric E. Swayze et al.

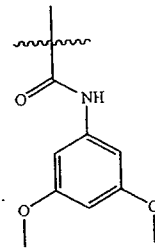
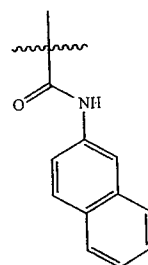
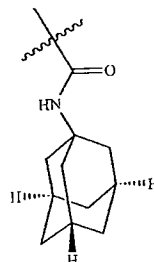
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

28) Column 64, Claim 17, lines 45-55, please delete "



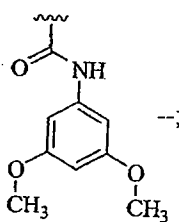
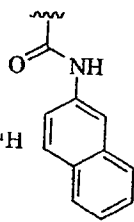
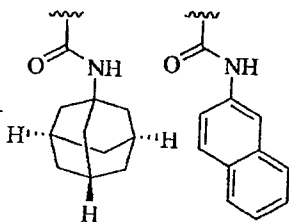
" and insert therefor

29) Column 65, Claim 17, lines 1-13, please delete "



" and

insert therefor --



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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 6 of 11

PATENT NO. : 7,244,847

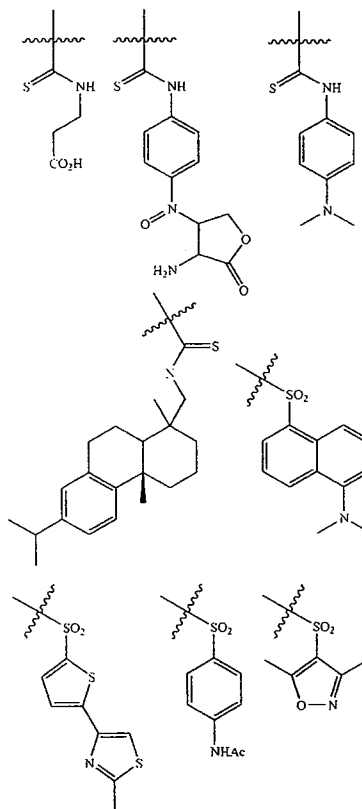
APPLICATION NO.: 10/071,978

ISSUE DATE : 07/17/2007

INVENTOR(S) : Eric E. Swayze et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

30) Column 65, Claim 17, lines 25-66, please delete “



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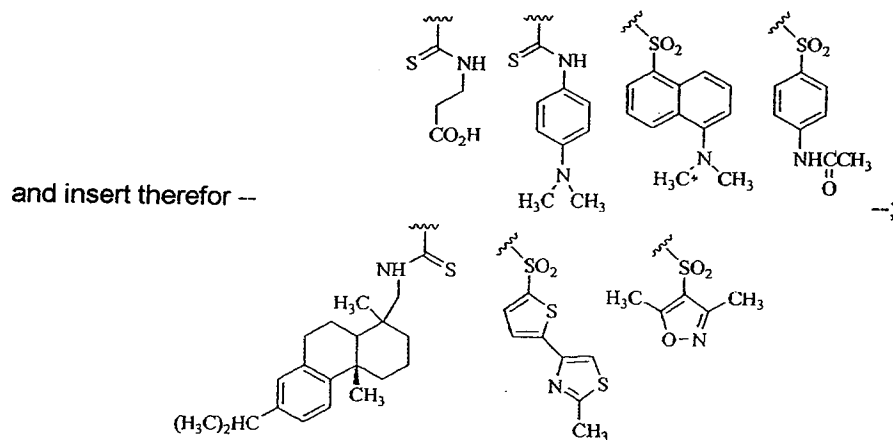
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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 7 of 11

PATENT NO. : 7,244,847
 APPLICATION NO.: 10/071,978
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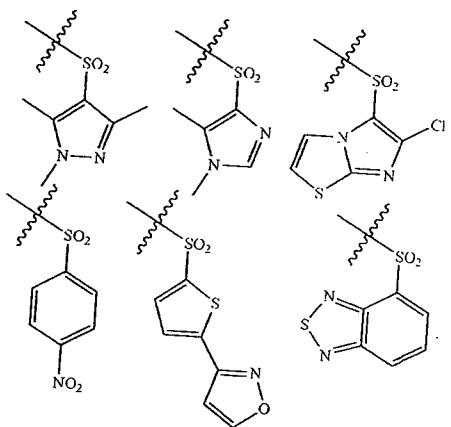
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Page 8 of 11

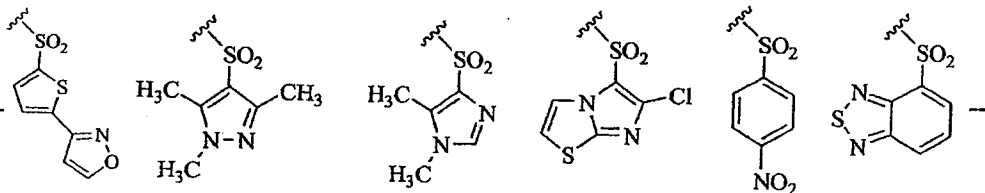
PATENT NO. : 7,244,847
APPLICATION NO.: 10/071,978
ISSUE DATE : 07/17/2007
INVENTOR(S) : Eric E. Swayze et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

31) Column 66, Claim 17, lines 1-19, please delete "



and insert therefor --



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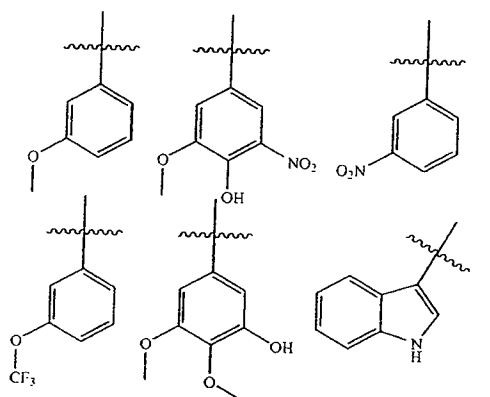
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Page 9 of 11

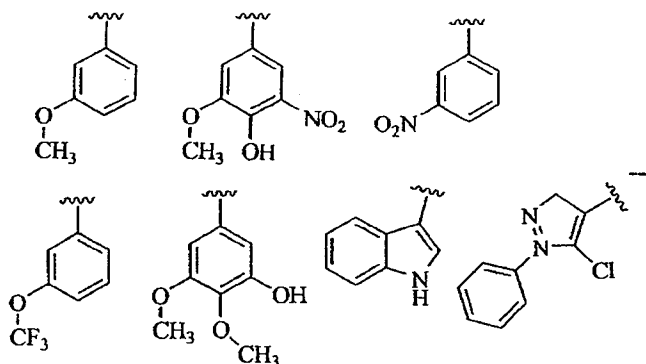
PATENT NO. : 7,244,847
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ISSUE DATE : 07/17/2007
INVENTOR(S) : Eric E. Swayze et al.

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32) Column 66, Claim 18, lines 32-47, please delete "



and insert therefor --



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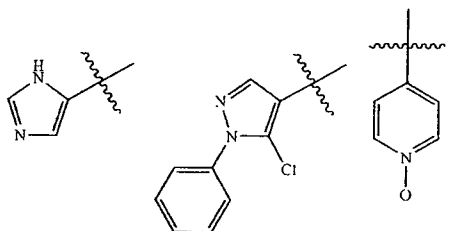
UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 10 of 11

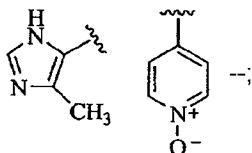
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APPLICATION NO.: 10/071,978
ISSUE DATE : 07/17/2007
INVENTOR(S) : Eric E. Swayze et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

33) Column 66, Claim 18, lines 57-66, please delete "



and insert therefor --



34) Column 67, Claim 20, line 17, please delete "Nsuccinimidyl" and insert therefor --N-succinimidyl--;

35) Column 67, Claim 20, line 20, please delete ";" and insert therefor --,--;

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Page 11 of 11

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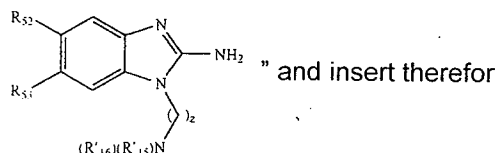
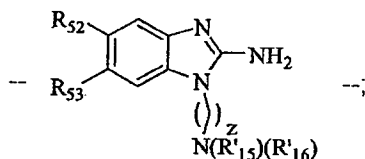
APPLICATION NO.: 10/071,978

ISSUE DATE : 07/17/2007

INVENTOR(S) : Eric E. Swayze et al.

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36) Column 67, Claim 21, lines 24-30, please delete "



" and insert therefor

37) Column 68, Claim 21, lines 7-8, please delete "can form a succinimido or phthalimido" and insert therefor --form a N-succinimidyl, N-phthalimidyl, N-maleimidyl, N-naphthalimidyl, N-pyromellitic diimidyl, N-benzopyrrolidinyl or N-benzimidazol-1-yl--;

38) Column 68, claim 21, line 8, please delete "or a fused ring derivative thereof,";

39) Column 68, Claim 21, lines 9-10, please delete "succinimido or phthalimido" and "or fused ring derivative thereof".

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Isis Pharmaceuticals, Inc.
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